

Ogden Air Logistics Center



U.S. AIR FORCE

**A-10
Market Research
Inquiry Day**

17 June 2003

Welcome

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Administrative Announcements



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■ Refreshments

■ Restrooms/Phones

■ Schedule

- | | |
|---------------|------------------------------|
| ■ 0830 | Intro Brief |
| ■ 0900 | General Q & A |
| ■ 0930 | Break/Sign-ups |
| ■ 1000 – 1200 | One-on-One Meetings |
| ■ 1200 – 1300 | Lunch |
| ■ 1300 – 1600 | One-on-One Meetings (cont'd) |

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Introductions

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Rules of Engagement

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- ***We are seeking ideas and information on current products which meet our need to replace the current A-10 Color Airborne Video Tape Recorder (CAVTR)***
- ***The A-10 System Program Office is not requesting or soliciting for proposals at this time***
- ***Information given today is not contractually binding unless directed by a contracting official***
- ***Lockheed Martin Systems Integration (LMSI/Owego) is the A-10 SPO Prime Integrator and may participate in discussions accordingly***

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Overview



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- Purpose of RFI
- Current System
- Minimum Requirements and Specifications
- Desired System

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Purpose



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- Define Requirement
 - Range of available solutions
- Looking for solutions that are:
 - Current products (no R&D)
 - Form, Fit, Function, Interface preferred
 - Highly reliable, maintainable, supportable
- No cost Rough Order of Magnitude

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Current System

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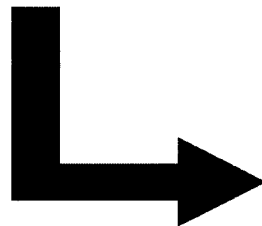
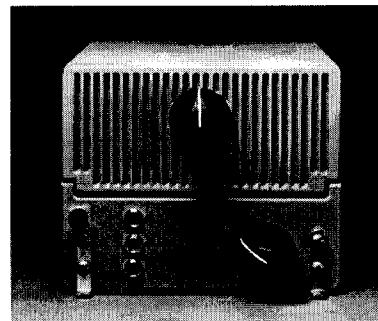
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Design

HUD Camera



Recorder



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Description



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- **Current A-10 system**
 - 8 mm recorder
 - Heads Up Display camera
 - Ground playback station
- **Recorder Specifications**
 - Single channel video and audio
 - Switchable video (HUD, Maverick, TV Monitor)
 - 2 hour record time
 - Located RH console
 - 5.88" W x 4.75" H x 6.39" D
 - 28 VDC < 20W / With heater in operation < 60W

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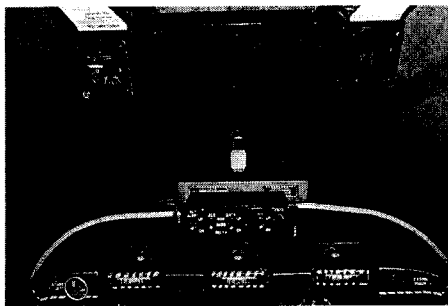


Installation

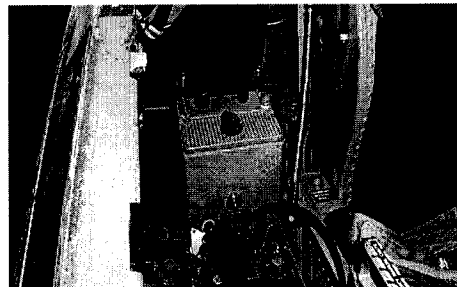


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HUD Camera



Recorder



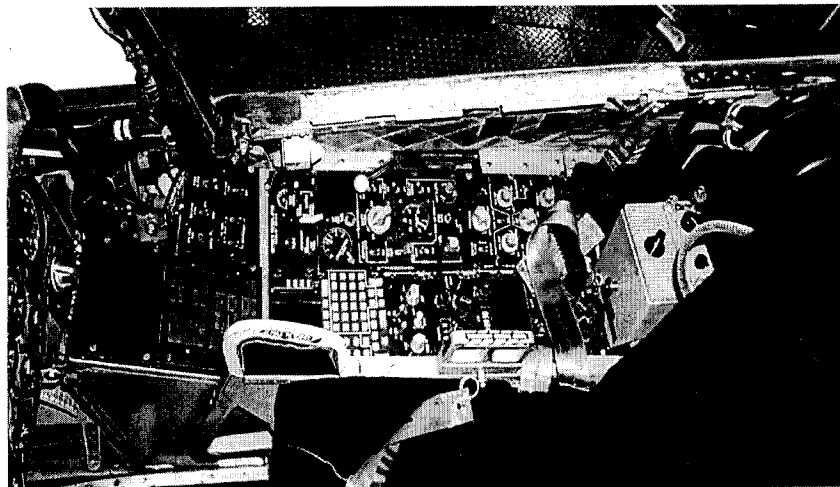
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Installation



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HUD & TV Monitor Video Sample



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Removed to reduce file size

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Maverick Video Sample



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Requirement and Specifications

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Minimum Requirements

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- Simultaneous recording of 2 video & 2 audio channels – 2 hour recording time each channel
- Record on removable mass memory device
- Utilize commercially available computer hardware and software for playback
- Have potential for future growth (i.e. added video/audio channels, data interfaces)
- Supportable system to 2028

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Required Specifications

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- Backward compatible with the current A-10 Heads Up display camera (RS-170)
- Compliant with A-10 specifications

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Desired System



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- Form, Fit, Function, Interface to current specs
- Expandable to 4 channel video, 4 channel audio, 2 channel 1553
- 4 hour digital recording per channel
- 8,000 hour MTBF actual
- 30g crash survivability
- Proven system

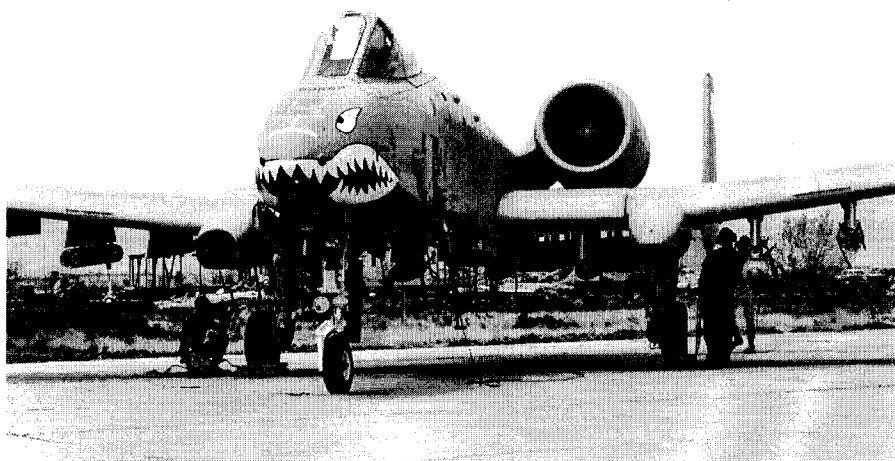
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Questions?



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